

# Onondaga Lake NRD Restoration Projects



November 4, 2019

# Meeting Agenda

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- Welcome and Introductions
- Status of projects underway
  - Seneca River boat launch, Trails, Fishing pier, Maple Bay in-lake plantings, Hudson Farms and NMC Corridor enhancements, and SCA Grasslands
- Upcoming projects
  - Outlet Jetty Enhancement Project
- New project solicitation
- Property stewardship
- Invasive species plan
- Wrap-up and next meeting

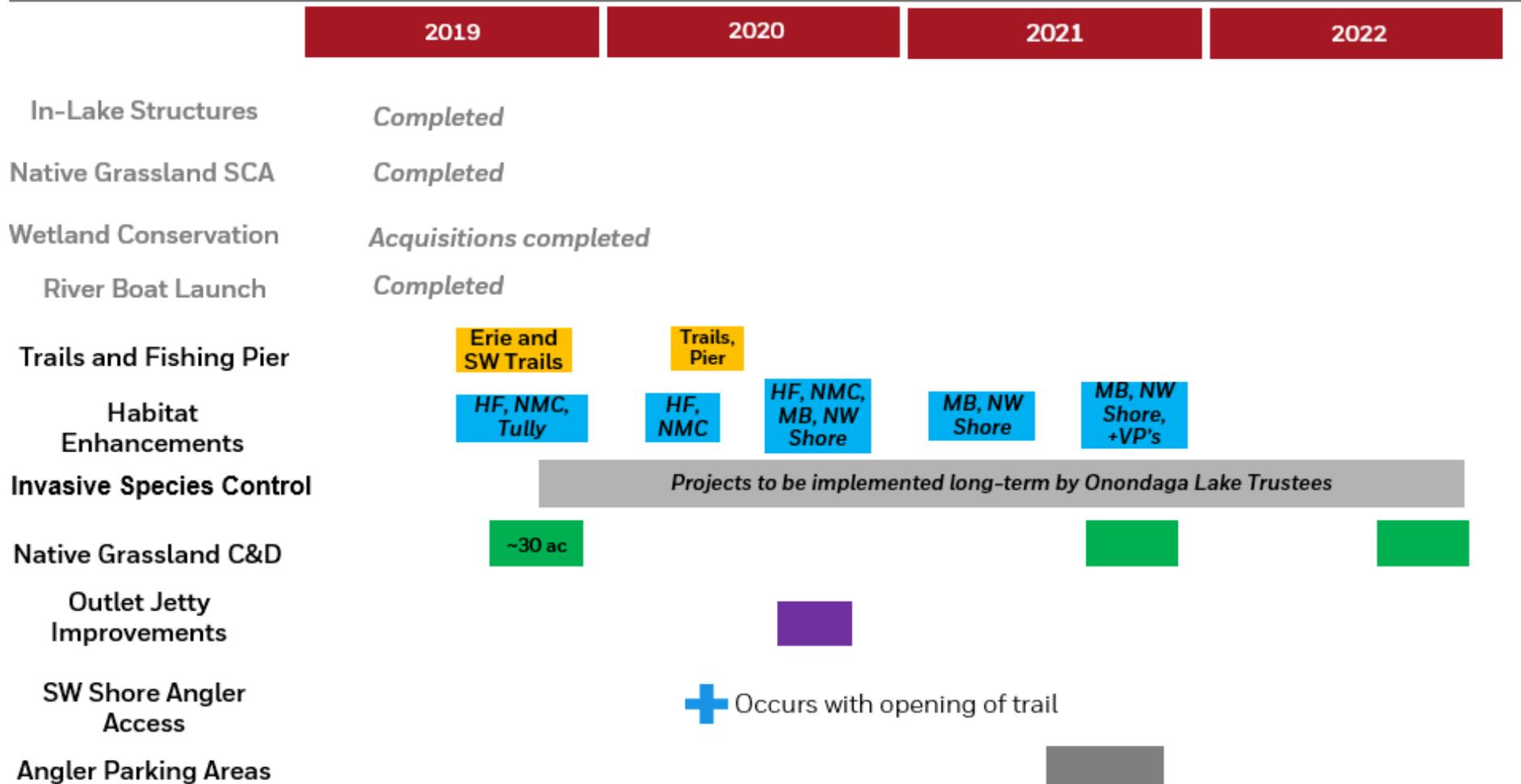
# Discussion Ground Rules



Please...

- Understand that we are implementing a multi-party legal settlement with a fixed scope of work and deadlines
- Speak openly, share your ideas and comments
- Stay on point and allow everyone time to speak
- Listen with an open mind and respect others' views
- Refrain from side conversations and interruptions
- Focus on desired outcomes rather than the means of achieving them

# ANTICIPATED IMPLEMENTATION SCHEDULE



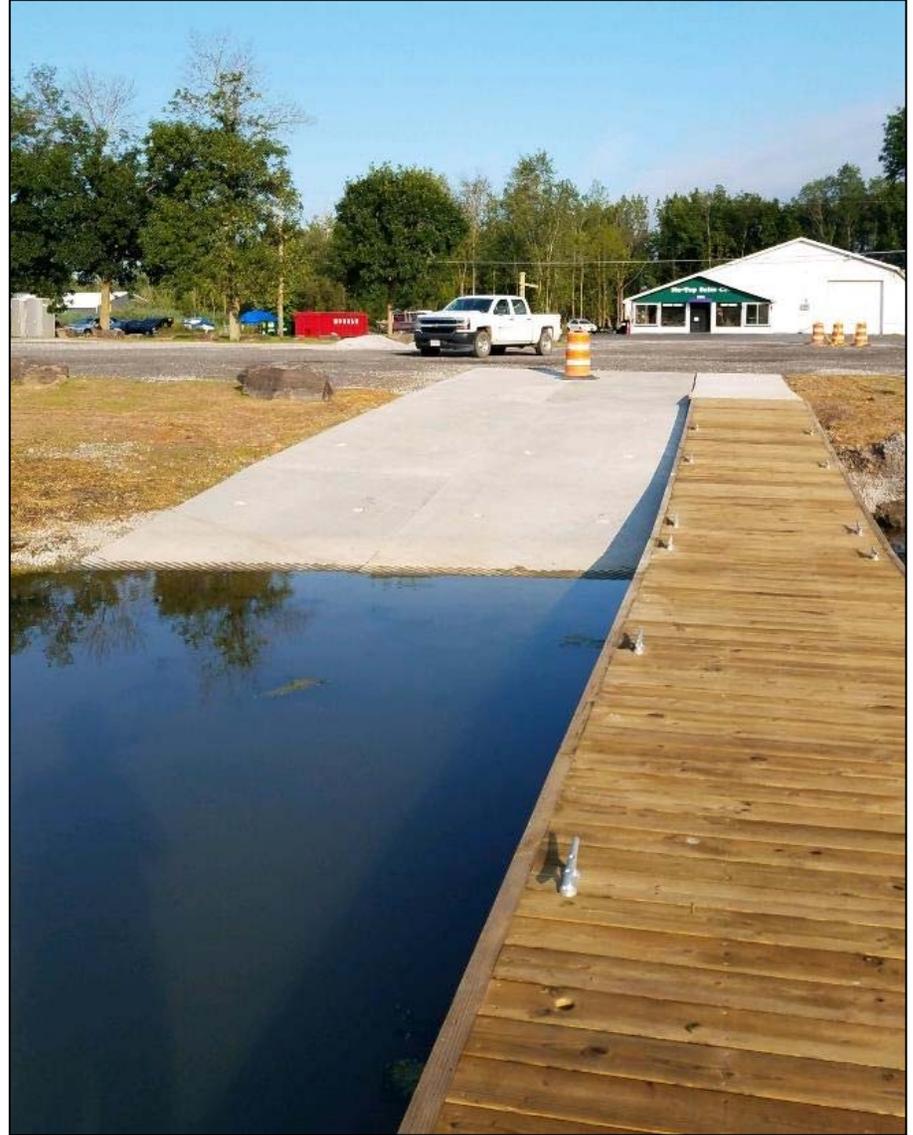
# Status of Projects Underway



- Seneca River Boat Launch
- Trails
- Maple Bay In-Lake Plantings
- Habitat Enhancements
  - Hudson Farms
  - Ninemile Creek Corridor
- Grasslands

# Seneca River Boat Launch

*Opened October 2019*



# Seneca River Boat Launch *Opened October 2019*



# Trails

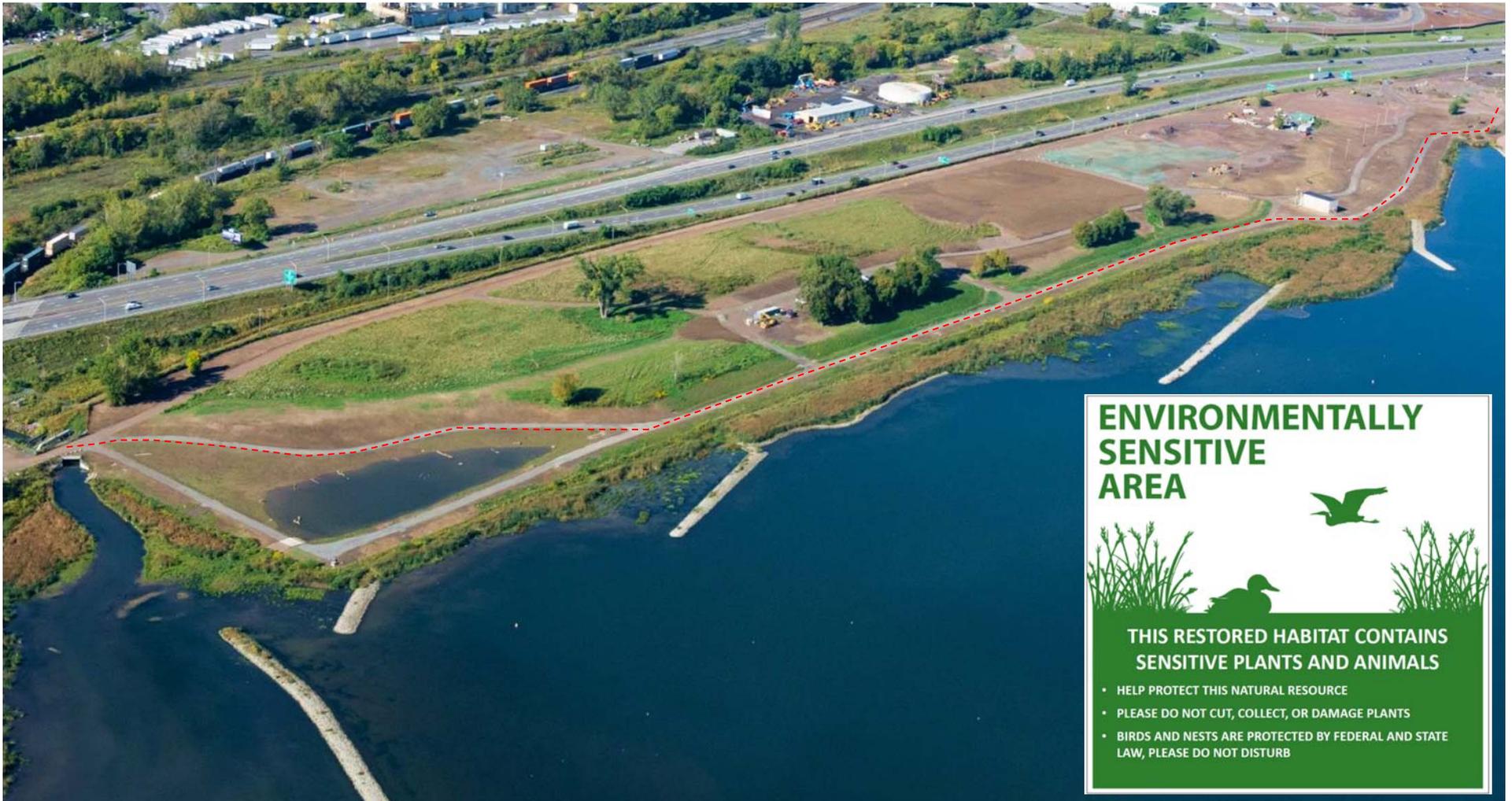


- Outreach conducted to nearby neighbors and elected officials



# Southwest Shore Trail

*Construction Underway*



## ENVIRONMENTALLY SENSITIVE AREA



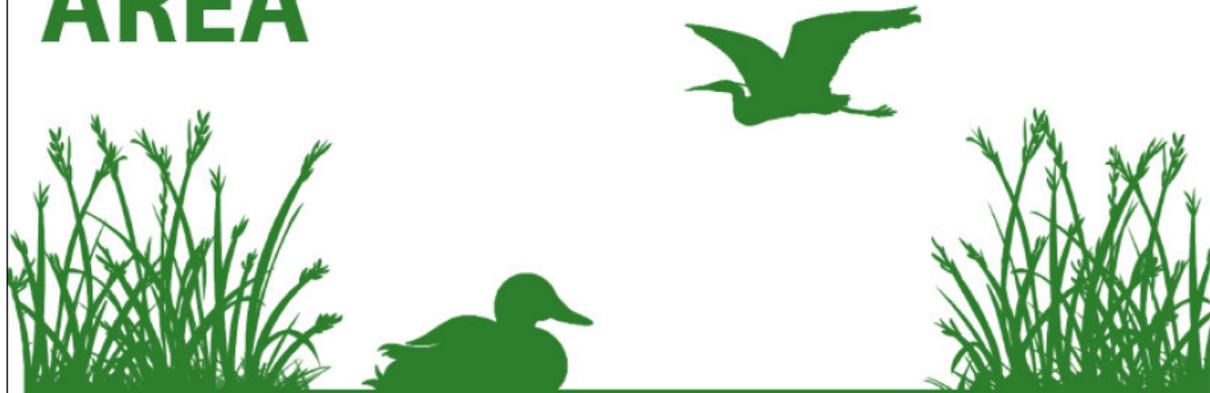
**THIS RESTORED HABITAT CONTAINS SENSITIVE PLANTS AND ANIMALS**

- HELP PROTECT THIS NATURAL RESOURCE
- PLEASE DO NOT CUT, COLLECT, OR DAMAGE PLANTS
- BIRDS AND NESTS ARE PROTECTED BY FEDERAL AND STATE LAW, PLEASE DO NOT DISTURB

# Signage in Wetland Areas



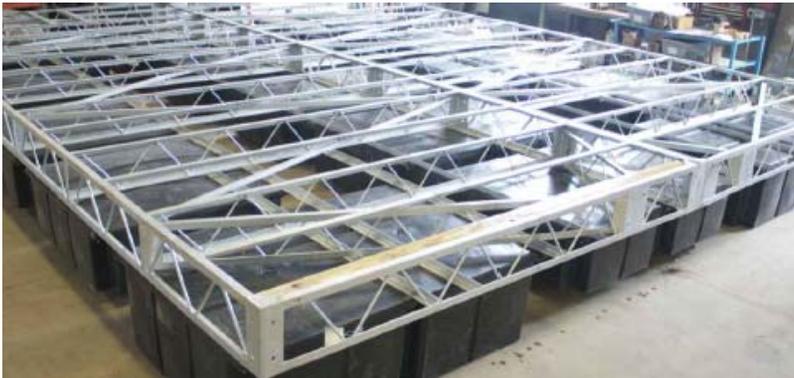
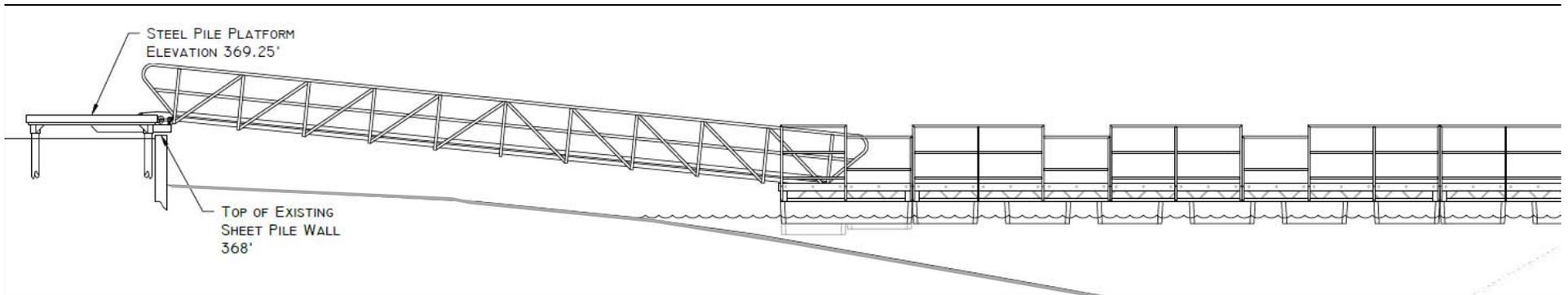
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# Southwest Shore Fishing Pier



TYP. FLOATING FRAME



# Maple Bay In-Lake Plantings



## Completed

- Wild Rice seeding (650 lbs)
- Shoreline emergent plantings (3,500)
- Enclosure Installation (6)
- Shallow water floating aquatic plantings (8,000)

## To be completed

- Shoreline invasive controls
- Seeding of treated areas

# Maple Bay In-Lake Plantings

9/20/19



# Hudson Farms and Ninemile Creek Corridor



- **Herbaceous Invasive Species Control**

- First treatment completed
- Water samples (3) collected at mouth of NMC and analyzed for glyphosate (permit requirement)
  - Results were non-detect
- Second and third treatments next spring and fall; followed by native seeding

- **Upland and Floodplain Invasive Species Control**

- Herbaceous treatment completed
- Cutting of invasive understory this fall and stump treatment
- Girdling and cutting of invasive trees this fall
- Treat germinants next spring
- Deer fence installation next spring



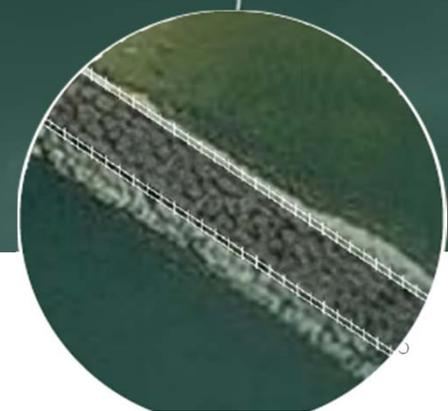
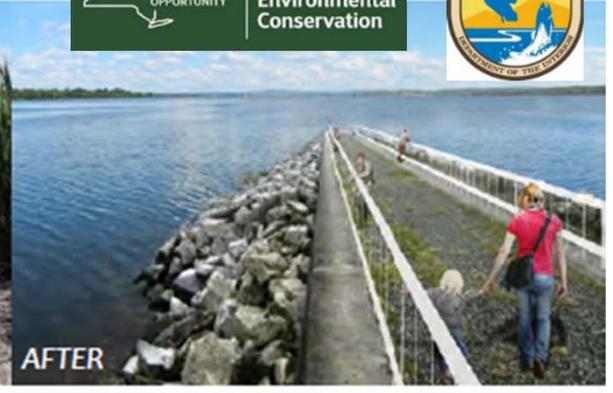
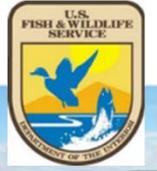
# SCA Grasslands



- **Percent Cover is High**
- **Year-2 Maintenance (2019)**
  - Supplemental seeding- spring (200 lbs)
  - Invasive species management- early July
  - Entire area was mowed week of Sept. 23rd



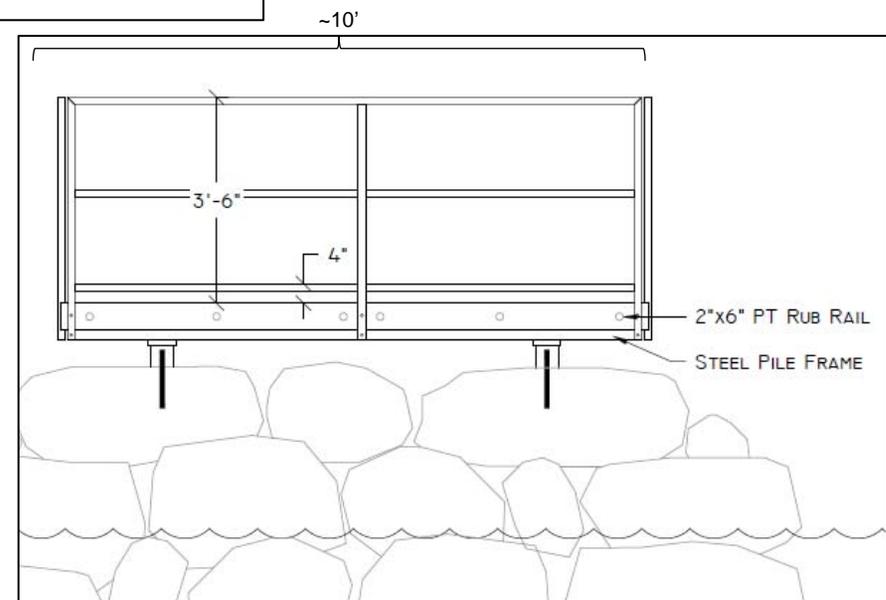
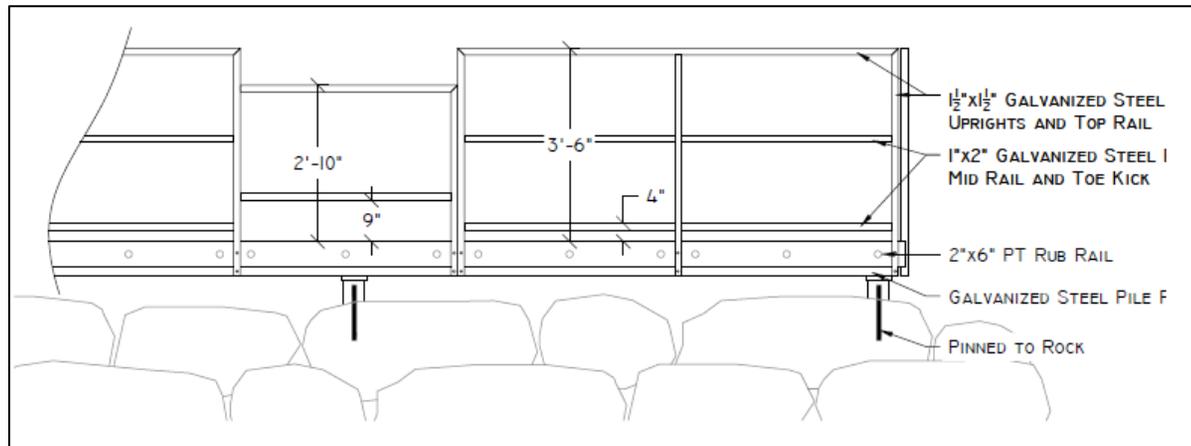
# Outlet Jetty Enhancements



# Outlet Jetty Enhancements



## Conceptual Drawings



# New Projects Solicitation



## **24 Project Proposals Submitted** (April 10-July 31, 2019); **7 approved**

- *Proposed projects must **restore, replace, rehabilitate or acquire the equivalent** of natural resources injured by mercury and other hazardous substances*

### **Approved by Trustees:**

- Common Tern Rafts (Riveredge Associates)
- Amboy Dam Removal (NYSDEC & USFWS)
- Otisco Lake Shoreline Protection (Finger Lakes Land Trust)
- Onondaga Creek Greenway (City of Syracuse)
- Onondaga Creek Canoe/Kayak Launch (City of Syracuse)
- Erie Canal Tree Planting (Village of Solvay)
- Boat Launch Restrooms (NYSDEC)

**Approximately \$2 million total**

# Non-Preferred Projects



- Outside of Onondaga Watershed
- Did not result in project that would be sufficiently publicly available
- Project objectives not restoration specific (objectives may have been research or staff based)
- Project did not restore resources or recourse uses injured by hazardous substances
- Cost effectiveness not demonstrated
- Technical feasibility not demonstrated

# Stewardship Properties Tour

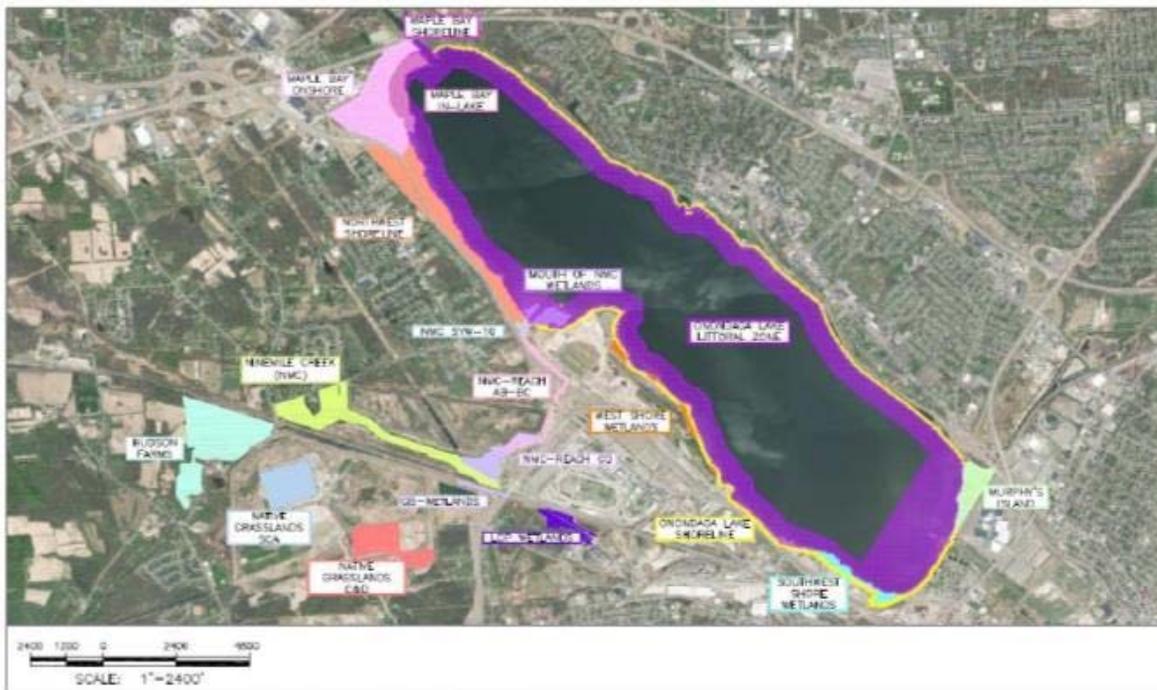


- Honeywell set aside and purchased properties for habitat conservation purposes
- Trustees looking for qualified organizations to take ownership of these properties and manage them for conservation purposes.
- Site visit with interested parties conducted in May, 2019



# Invasive Species Plan

- Will provide a strategy and timeline for invasive species monitoring and control over the initial five years of invasive species control





# Wrap-Up and Next Meeting